

C-A MAINTENANCE, MODIFICATIONS, AND REPAIRS SCHEDULE

R. Zaharatos – May 16, 2000 **Rev. 3**

Maintenance Period - Begin, May 18, 2000 0530hrs.

End: May 18, 2000 1800hrs.

Machine Areas Access:	RHIC	Remote Controlled Access(10&11 Restricted)
	RHIC IR's	Restricted Access
	Booster	Controlled Access
	AGS	Controlled Access - North Gate
	ATR/U Line	Controlled Access

PRIMARY JOBS

JOBS STATUS CODE: **C** complete **IP** in-process **RS** reschedule **CAN** cancelled

RHIC

1. Yellow Ring - correct all sextupole connections(PS Grp)
2. Air-conditioning systems - 1002A tunnel High Bay(replace compressor) - McKay
3. Pass - test UPS's for sectors 4 and 8.
4. Pass - test/repair exhaust fan interlocks at 8XEF1.
5. Pass - test/repair gate at 3GI1.
6. Blue Abort Kicker - repair PFN(Pulsed Pwr. Grp)
7. Repair 50 amp Corrector P.S.'s - B07-TH6, BI4-TV10, BI8-TH9(PS Grp)
8. 1006B and 1008B - check all P.S. ac line connections(PS Grp)
9. 1006B and 1008B - check operation of off switches on Blue P.S.'s.(PS Grp)
10. Check operation of Blue Injection Kicker P.S..(Pulsed Pwr. Grp)
11. Polarimeter - test motor drives.(Inst)
12. Inspect operation of air-conditioner condensate pump in 1003C Alcove.(McKay)
13. Install electrical safety mats in sector 11.(Benante)
14. Sector 11 - Insulate cryo sections ice build-up.(Weigand)
15. Replace Lancaste Either Net Module in each alcove.(Gould, F. Naase)

RHIC IR'S

1. STAR - SVT RDO installation and End Cap closure(8hrs - Restricted Access)
2. STAR air-conditioning - 1006(replacement compressor ordered)-McKay
3. PHENIX - multiple tasks(Restricted Access required)

AGS RING EQUIPMENT

1. A20 Flying Wire – check ground on PMT(Inst)
2. RF JK - replace feedback ampl.. Measure length of feedback cable to Bldg. 929 with TDR(RF Grp)
3. Change Vertical Tune Meter Kicker back to an AC Dipole.(Pulsed Pwr.)
4. C5 IPM - Check/repair seal on vacuum controlled leak.(Inst)
5. Ring systems inspection.(RZ)

AGS EXTERNAL EQUIPMENT

1. J10 Beam Dump - reroute existing interlock cable.(J13 Hse.) - (PS Grp)
2. L20 Septum - inspect/ replace P.S. hose fittings. Also inspect other selected equipment hose fittings of the Pulsed Quad Water System.(MS Grp)
3. Siemen's Motor/Generator - inspect/clean brushes(PS)
4. Tower 1 - cleaning(4hrs. down) - (MS Grp)
5. Controls(930A) - Check/repair CDC.BCOR.ORB_CD and CDC.BCOR.ORB_BC.
6. Controls(911A) - Install F/O module for beam sync links and install V124's in CFE-911-RES for beam sync links scope triggers
7. Linac - Replace PS connectors in Timeline Monitor chassis

BOOSTER RING EQUIPMENT

No Job Requests

BOOSTER EXTERNAL EQUIPMENT

No Job Requests

ATR Line

1. Replace bag filter for upstream mags.(Tower 1) - (FES)

SEB and SWITCH YD

1. Pass - recertify Switchyard and SEB Primary Gates.

SCHEDULE

18 May	0530	Shutdown period begins All equipment set to off as required. Siemen's Generator off(coast down) for maintenance. All Tower 1 equipment must be turned off for Tower cleaning.
0600		Begin cleaning of Tower 1 AGS Ring controlled access LOTO
0700		HP survey of RHIC Tunnel as required.
0800		RHIC entries begin(Remote Controlled Access) AGS Ring HP surveys.
0830		AGS Ring entries for scheduled jobs.
1300		Secure AGS - prepare for Booster/AGS turn-on for beam
1600		Secure RHIC for beam turn-on.
1800		RHIC beam turn-on.